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D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RECEIVED

SEP 08 1998

OFFICE OF PROGRAMS

INTERDEPARTMENT CORRESPONDENCE

FILE MLP-87(45) Dodge-Bleckley County **OFFICE** Preconstruction
P.I. No. 222410 **DATE** September 8, 1998

CWH
FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT REVISED PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

- Walker Scott
- Bobby Mustin
- David Studstill (ATTN: Harvey Keeper)
- Jerry Hobbs
- Herman Griffin
- Marta Rosen (ATTN: Michael Henry)
- Marion Waters
- Toni Dunagan
- Mike Thomas
- Jim Kennerly

1	ADMIN	<i>[Signature]</i>
3	DEV	<i>[Signature]</i>
	MGT	
2	SCHED	<i>[Signature]</i> 10/1/98

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

RECEIVED
JUL 15 1998
PRECONSTRUCTION

FILE MLP-87(45) Dodge-Bleckley Counties **OFFICE** Road Design
P.I. No. 222410 Atlanta, Georgia

DATE July 14, 1998

FROM  James Kemmerly, State Road & Airport Design Engineer 

TO Walker W. Scott, P.E., Director of Preconstruction

SUBJECT Revised Project Concept Report

This project is the widening and reconstruction of U.S. 23/S.R. 87 from C.R. 332 just north of Eastman to 152.4 meters north of S.R. 257 in Frazier for a total of 20.3 kilometers.

The project concept currently proposes to provide two 3.6 meter wide travel lanes in each direction separated by a 13.6 meter wide depressed grassed median for the majority of the project. A 6.0 meter wide raised median is currently proposed from 1.3 kilometers south of C.R. 352 to C.R. 133 and from 305 meters south of S.R. 257 to the end of the project. The proposed right-of-way would vary in width from 49 meters to 61 meters.

It is now proposed to retain the existing three-lane roadway from C.R. 141/Golf Course Road to C.R. 78/Orphan Cemetery Road, which is a distance of 1.34 kilometers. The existing shoulders would be reconstructed to provide 3.0 meter wide rural shoulders (1.2 meters paved) on the outside and 1.8 meter wide median shoulders (0.6 meters paved). Four lanes are proposed from C.R. 78 to C.R. 139/Paul Hamrick Road (one lane northbound, a 4.3 meter wide flush median and two lanes southbound). The outside southbound lane would become a right turn lane and end at C.R. 78. Beginning at C.R. 139, the roadway would be widened to provide two travel lanes in each direction with a 4.3 meter wide flush median and would continue to just north of C.R. 348/Antioch Church Road. The median would then transition to a 13.6 meter wide grassed median and continue to just south of C.R. 334, for a distance of 6.11 kilometers. The median width would then transition to a 4.3 meter wide flush median at C.R. 334. Through the community of Gresston, two travel lanes in each direction would be provided with a flush median and curb and gutter on the left and right sides. Speed design through Gresston would be 70 km/h. A request for a speed reduction through Gresston has been submitted to the traffic operation office and approved on June 29, 1998. The four-lane roadway with flush median and curb and gutter would end at C.R. 133. The roadway would transition to two lanes in each direction with a 13.6 meter wide grassed median, 3.0 meter wide outside shoulders (1.2 meters paved) and 1.8 meter wide median shoulders (0.6 meters paved). This typical section would continue for 6.11 kilometers to just south of S.R. 257 (east), where the median would transition to a 4.3 meter wide flush median. This typical section would continue to the end of the project at S.R. 257 (west), where the project adjoins Project MLP-87(43) Bleckley County. Project MLP-87(43) currently proposes four travel lanes, a 4.3 meter wide flush median and 3.0 meter wide rural shoulders.



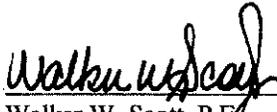
Estimated Costs:

	<i>12/07</i> <u>Proposed</u>	<u>Approved</u>	<u>Let Date</u>
Constr. (Incl. Infl. & E&C)	\$16,781,000	\$16,781,000	02-05
Right-of-Way	\$ 4,084,000	\$10,342,000	
Utilities*	-----	-----	

*Dodge County signed LGPA on 03-06-96 to be responsible for utility relocation; City of Eastman has no involvement; Bleckley County refused to do utilities 06-05-96.

Recommendation: This office recommends that this proposed revision to the concept be approved for implementation.

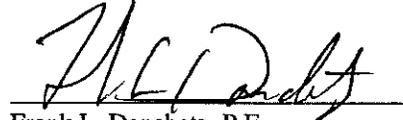
CONCURRENCE



Walker W. Scott, P.E.
Director of Preconstruction

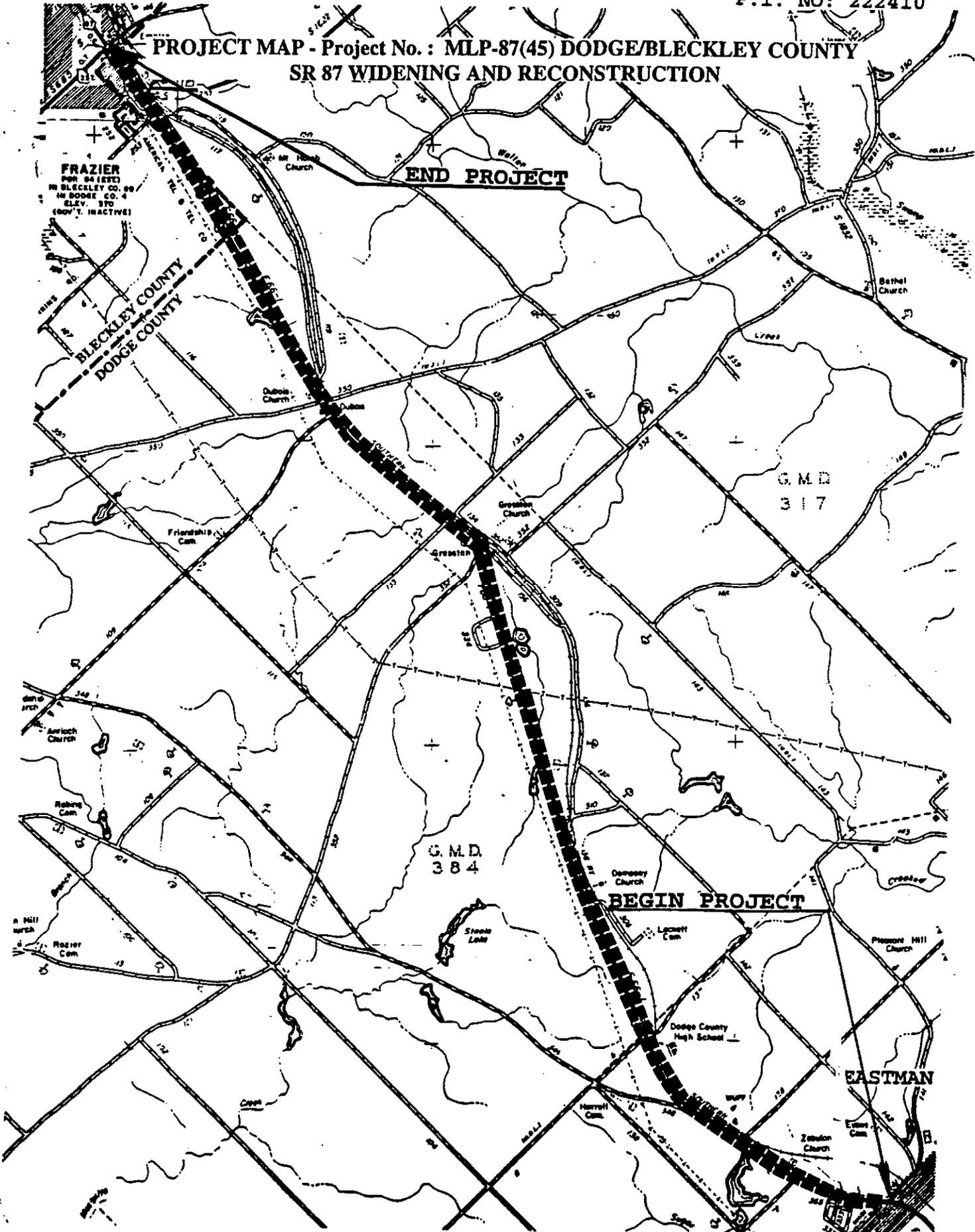
JAK:WHF:crm
Attachments: Sketch Map
Cost Estimate

APPROVAL



Frank L. Danchetz, P.E.
Chief Engineer

**PROJECT MAP - Project No. : MLP-87(45) DODGE/BLECKLEY COUNTY
SR 87 WIDENING AND RECONSTRUCTION**



PROJECT NUMBER: MLP-87(45)

COUNTY: DODGE/BLECKLEY

DATE: 1-13-97

ESTIMATED LETTING DATE: 99-09

PREPARED BY: BRAD MCMANUS

PROJECT LENGTH: 20.29KILOMETERS

() FEASIBILITY STUDY () PRE-PROGRAMMING PROCESS (X) PROGRAMMING PROCESS

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	See
2. DISPLACEMENTS; RES:34, BUS;9, M.H.:9	seperate
3. OTHER COST (ADM./COST, INFLATION)	R/W sheet
SUBTOTAL:A	
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ 0
SUBTOTAL:B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$ 0
a. RETAINING WALLS	\$ 0
b. BRIDGES	\$ 0
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 226,295
SUBTOTAL:C-1	\$ 226,295
2. GRADING AND DRAINAGE:	
a. EARTHWORK (650,000@2.69+1,050,000 @2.72)	\$ 4,624,000
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 175,239

PROJECT COST		
2) Curb and Gutter		\$ 153,350
3) Longitudinal System(include catch basins)		\$ 880,000
SUBTOTAL:C-2		\$ 5,832,589
3. BASE AND PAVING:		
a. AGGREGATE BASE (136,180@12.41)		\$ 1,680,750
b. ASPHALT PAVING: Surf.(45870@32.20)	\$1,467,750	
Binder(30938@32.00)	\$ 980,750	
Base(37217@32.00)	\$1,181,750	
SUBTOTAL:C-3.b		\$ 3,630,250
c. CONCRETE PAVING		\$ 0
d. OTHER (ASPHALT LEVELING & TACK COAT)		\$ 252,000
SUBTOTAL:C-3		\$ 5,563,000
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 200,000
b. CLEARING AND GRUBBING (300 acres @ 3,500)		\$ 1,050,000
c. LANDSCAPING (GRASSING AND FERTILIZER)		\$ 206,204
d. EROSION CONTROL		\$ 250,000
e. DETOURS		\$ 0
SUBTOTAL:C-4		\$ 1,706,204
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0
b. SIGNING - STRIPING - SIGNAL		\$ 253,900
c. GUARDRAIL		\$ 285,875
d. SIDEWALK - MEDIAN BARRIER		\$ 0
SUBTOTAL:C-5		\$ 539,775
6. SPECIAL FEATURES	SUBTOTAL:C-6	\$ 0

ESTIMATE SUMMARY

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$
B. REIMBURSABLE UTILITIES		\$
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 226,295	
2. GRADING AND DRAINAGE	\$ 5,832,589	
3. BASE AND PAVING	\$ 5,563,000	
4. LUMP ITEMS	\$ 1,706,204	
5. MISCELLANEOUS	\$ 539,775	
6. SPECIAL FEATURES	\$ 0	
SUBTOTAL CONSTRUCTION COST	\$13,867,863	
E. & C. (10%)	\$ 1,386,786	
INFLATION (5% PER YEAR)	\$ 1,525,465	
NUMBER OF YEARS	2	
TOTAL CONSTRUCTION COST		\$16,780,114

Land Cost

length	r/w width	square ft	\$/acre	cost of land
3200	60	192000	7500	\$ 33,057.85
7800	60	468000	7500	\$ 80,578.51
2000	100	200000	3500	\$ 16,069.79
2500	100	250000	3500	\$ 20,087.24
9800	100	980000	3500	\$ 78,741.97
5900	100	590000	1000	\$ 13,544.54
425	50	21250	7500	\$ 3,658.75
5300	100	530000	3500	\$ 42,584.94
7200	100	720000	3500	\$ 57,851.24
3600	100	360000	1000	\$ 8,264.46
7500	100	750000	1000	\$ 17,217.63
1300	60	78000	7500	\$ 13,429.75
3200	60	192000	7500	\$ 33,057.85

Total Land Cost \$ 418,144.51

Improvements

	houses	business	mh	
				688450
relocation	21	2		575000
consq. Dam				
proximity	houses	38		798000
	mh	3		7500
	dw	1		10000
	church	1		10000
reduction in bus				12500
wetlands				8905
uneconomic				31595

net cost		\$ 2,560,094.51
admin/court	45%	\$ 1,152,042.53
inflation factor	10%	\$ 371,213.70
TOTAL COST		\$ 4,083,350.75

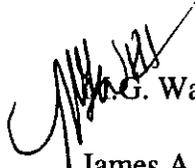
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: MLP-87 (45) Dodge-Bleckley Counties
PI No. 222410

OFFICE: Traffic Operations
General Office

DATE: June 29, 1998

FROM:  G. Waters III, P.E., State Traffic Operations Engineer - Atlanta

TO: James A. Kennerly, State Road & Airport Design Engineer - Atlanta

SUBJECT: Speed Study, S.R. 87, Dodge County, Community of Gresston

Reference is made to your correspondence dated September 30, 1997 in reference to reducing the speed limit in the Community of Gresston. We forwarded your request to the District Traffic Engineer for his office to perform the speed study and field review.

The speed study did not reveal that the speed limit in this section needed to be reduced. We have talked with Mr. Bill Ferguson in your office and he advised it would have a greater economic impact on this community, if a 5-lane rural section had to be constructed. Since reducing the speed limit will increase safety and minimize the economic impact on the community we will agree to reduce the speed limit from 55 mph to 45 mph once the project is complete.

If you have any questions regarding this matter or would care to discuss, please feel free to contact Dwayne Maddox at (404) 635-8045

TOC:DBM

cc: Roger Price - Tennille

MEMO FROM THE OFFICE OF ROAD DESIGN

DATE: March 5, 1998

FROM: Bill Ferguson

TO: File

SUBJECT: MLP-87(45) DODGE/BLECKLEY CO.s P.I. No. 222410

At 9:10 am Jim Kennerly discussed the encroachment of the road on the lake on the east side of the mainline at the beginning of the project. Due to some problems with the lakes dam that may have been due to a district widening project Jim discussed the possibility of retaining a three lane section through the area. This three lane section would begin at Golf Course Road (the beginning of the current layout) and continue to CR 78 where he proposed imposing a lane drop in the southbound lane after CR 78. Jim also discussed an intersection improvement at the intersection of CR 139. However, he did not want in any way to encroach upon the railroad facility that CR 139 passes over +-100ft before the intersection. Lastly Jim stated that he wanted to stay off of the First Assembly of God Church property and the parsonage.

C: Jim Kennerly
Hank Ashmore

Memo

To: Jim Kennerty, State Road & Airport Design Engineer
From: ^{DOG} David O. Griffith, District Preconstruction Engineer
CC: Frank Danchetz, Walker Scott, Mike Thomas, Mike Schriver
Date: 03/02/98
Re: **RE: MLP-87 (45) Dodge, P.I. 222410**

Reference is made to the layouts that were displayed at the February 25 public information meeting concerning the noted project. The layouts indicated that the project would encroach on the ponds east and west of SR 87 at the beginning of the project.

The District had a project, NH-66-1 (28) Dodge, which constructed the passing lane in this area. During construction, the ponds were lowered by breaking the dam so a culvert could be extended. The dam was reconstructed but suffered a break in 1997. The homeowners in the Lakeview Subdivision contacted Representative Terry Coleman about this (see attached correspondence) and the Department is in the process of paying to repair the dam. We are going to pay the members of the subdivision \$23,076.03 and it will be their responsibility to repair the dam. We are also getting them to sign an agreement releasing us from future claims concerning this dam.

Mike Thomas, District Engineer, and I were talking about this situation February 27. It is our recommendation that the beginning project terminus be shifted so it will not encroach on this pond.

Please advise if you need any additional information.

DOG:MGI

Attachments

PROJECT NUMBER/COUNTY: MLP-87(45) DODGE - BLECKLEY

P. I. NUMBER: 222410

This project concept is contained in the Transportation Improvement Program (TIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the TIP and/or the STIP.



STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE: 7/21/98